



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IX

75 Hawthorne Street  
San Francisco, CA 94105-3901

AUG 16 2017

Pamela Creedon, Executive Director  
Regional Water Quality Control Board  
Central Valley Region  
11020 Sun Center Drive, #200  
Rancho Cordova, CA 95670-6114

Re: Amendment to the Sacramento and San Joaquin River Basins Water Quality Control Plan to  
Establish Water Quality Objectives for Diazinon and Chlorpyrifos

Dear Ms. Creedon:

I am pleased to approve the subject Amendment to revise water quality objectives for diazinon and chlorpyrifos pursuant to Section 303(c) of the Clean Water Act (CWA) and 40 C.F.R. §§ 131.5 and 131.6.<sup>1</sup> The U.S. Environmental Protection Agency (EPA) finds that new water quality objectives for diazinon and chlorpyrifos for additional water bodies in the Sacramento and San Joaquin River Basins are appropriate.<sup>2</sup> The water quality objectives provide greater protection of WARM and COLD beneficial uses as well as less sensitive uses and meet the requirements of the CWA.

Today's approval includes diazinon and chlorpyrifos water quality objectives as follows:

- Diazinon: 0.16 µg/L as 1 hour average (acute); 0.10 µg/L as 4-day average (chronic). These concentrations are not to be exceeded more than once in a three year period.
- Chlorpyrifos: 0.025 µg/L as 1-hour average (acute); 0.015 µg/L as 4-day average (chronic). These concentrations are not to be exceeded more than once in a three year period.

These objectives apply to water bodies in Tables 1 and 2 in the enclosure. EPA finds that these revised objectives are reasonable and appropriate for the protection of aquatic organisms as described in the Basin Plan Amendment.

---

<sup>1</sup> The Basin Plan Amendment (R5-2014-0041) was approved by the Central Valley Regional Water Quality Control Board on March 28, 2014 and by the State Water Resources Control Board on June 16, 2015 (Res. No. 2015-0043). The Office of Administrative Law approved the Basin Plan Amendment on March 8, 2017. The public process leading to the Resolutions, which includes notice of opportunity for public comment, public meetings, and written response to comments, is consistent with the procedural requirements of CWA Section 303(c) and its implementing regulations, including 40 C.F.R. § 131.30.

<sup>2</sup> EPA has initiated discussions with the U.S. Fish and Wildlife Service and the National Marine Fisheries Service regarding future consultation on this approval action under Section 7 of the Endangered Species Act and retains the discretion to revise the approval in the event the consultation results in the need for further EPA action.

I look forward to our continued partnership to protect the beneficial uses of California's waters. Please call me at (415) 972-3337, or direct your staff to Matthew Mitchell with any questions at (415) 972-3508.

Sincerely,

A handwritten signature in blue ink, appearing to be 'Tomás Torres', written over a horizontal line.

Tomás Torres *August 16, 2017*  
Director, Water Division

Enclosure

cc: Daniel McClure (CVRWQCB)  
Betty Yee (CVRWQCB)  
Rebecca Fitzgerald (SWRCB)

Enclosure

Table 1. Waters currently on the 303(d) list for diazinon and/or chlorpyrifos that continue to exceed water quality objectives.

<b>Water Body</b>
Bear Creek (San Joaquin and Calaveras Counties)
Bear River, Lower (below Camp Far West Reservoir)
Berenda Creek (Madera County)
Berenda Slough (Madera County)
Colusa Basin Drain
Coon Creek, Lower (Sutter County)
Deadman Creek (Merced County)
Del Puerto Creek
Dry Creek (tributary to Tuolumne River at Modesto, E Stanislaus County)
Duck Creek (San Joaquin County)
French Camp Slough
Gilsizer Slough
Ingram Creek
Jack Slough
Live Oak Slough
Lone Tree Creek
Main Drainage Canal (Butte County)
Merced River, Lower (McSwain Reservoir to San Joaquin River)
Mormon Slough (from Stockton Diverting Canal to Bellota Weir)
Morrison Slough (Sutter County)
Orestimba Creek
Pixley Slough (San Joaquin County)
Salt Slough
Spring Creek (Colusa County)
Stanislaus River, Lower (Goodwin Dam to San Joaquin River)
Tuolumne River, Lower (Don Pedro Dam to San Joaquin River)
Ulati Creek (Solano County)
Wadsworth Canal
Westley Wasteway (Stanislaus County)
Winters Canal (Yolo County)
Yankee Slough (Placer and Sutter Counties)

Table 2. Waters with designated or existing WARM and/or COLD beneficial uses that are not upstream of the major dams.

<b>Dam</b>	<b>Associated Reservoir</b>	<b>River System</b>
Monticello Dam	Lake Berryessa	Putah Creek
Black Butte Dam	Black Butte Reservoir	Stony Creek
Camanche Dam	Camanche Reservoir	Mokelumne River
Camp Far West Dam	Camp Far West Reservoir	Bear River
Cache Creek Dam	Clear Lake	Cache Creek
New Don Pedro Dam	Don Pedro Reservoir	Tuolumne River
Buchanan Dam	Eastman Lake (Buchanan Reservoir)	Chowchilla River
Folsom Dam	Folsom Lake	American River
Engelbright Dam	Harry L. Engelbright Reservoir	Yuba River
Hidden Dam	Hensley Lake (Hidden Reservoir)	Fresno River
Keswick Dam	Keswick Reservoir	Sacramento River
New Exchequer Dam	McClure Lake (Exchequer Reservoir)	Merced River
Friant Dam	Millerton Lake	San Joaquin River
New Hogan Dam	New Hogan Reservoir	Calaveras River
Oroville Dam	Lake Oroville	Feather River
San Luis Dam	San Luis Reservoir	
Scotts Flat Dam	Scott Flats Reservoir	Deer Creek
Goodwin Dam	Tulloch Reservoir	Stanislaus River
Whiskeytown Dam	Whiskeytown Reservoir	Clear Creek